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September 16, 2013

Sean Sheldrake
Project Coordinator
U.S. EPA, Region 10
1200 Sixth Avenue, M/S ECL-111
Seattle, Washington 98101

Re: August 2013 Monthly Progress Report
Administrative Settlement Agreement and Order on Consent for Removal Action
U.S. EPA Region 10 Docket No. CERCLA 10-2009-0255
Gasco Sediments Site within the Portland Harbor Superfund Site

Project Number: 000029-02.28

Dear Mr. Sheldrake:

This monthly progress report provides information required by Section VIII, Paragraph 26, of the Administrative Settlement Agreement and Order on Consent for Removal Action (Order) for actions taken in August 2013 at the Gasco Sediments Site within the Portland Harbor Superfund Site.

1. ACTIONS TAKEN IN THIS MONTH AND PROBLEMS ENCOUNTERED

The following actions and correspondences occurred in this month:

- **August 9** – Anchor QEA submitted a letter to EPA regarding action items 3 and 4 that support continued refinement of the Gasco Sediments Site remedial alternatives.
- **August 15** – Anchor QEA submitted the Gasco Sediments Site monthly progress report to EPA.
- **August 15** – EPA provided conditional approval of Anchor QEA's memorandum titled *Study Design for Sediment Characterization Adjacent to U.S. Moorings Site* dated July 28,

2013.

- **August 30** – EPA provided NW Natural and Siltronic comments on the August 9, 2013 letter regarding action items 3 and 4 that support continued refinement of the Gasco Sediments Site remedial alternatives.

2. RESULTS OF SAMPLING, TESTS, AND OTHER DATA RECEIVED

The results of the monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap are provided as Attachment A.

3. SCHEDULE OF ACTIVITIES FOR THE NEXT MONTH

Anchor QEA anticipates the following activities to occur in the next month:

- Submittal of the September monthly progress report.
- Submittal of a response to EPA's conditional approval letter dated August 15, 2013.
- Communications with EPA regarding the Army Corps of Engineers U.S. Moorings sediments site, definitions of "accessible" and "obstructed" substantial product, and additional EPA comments on the Draft EE/CA.
- Completion of monthly visual monitoring of the shoreline area in the direct vicinity of the pilot cap area.

4. ANTICIPATED PROBLEMS AND PROPOSED RESOLUTIONS

No problems or unforeseen conditions were encountered.

Please contact the undersigned if you have any questions or require additional information.

Sincerely,



Ryan Barth, P.E.
Assistant Project Manager



Carl Stivers, Partner
Project Manager

Attachments:

Attachment A Monthly Visual Monitoring Report for Pilot Cap Vicinity

Cc:

Bob Wyatt, NW Natural

Patty Dost, Pearl Legal Group PC

Myron Burr, Siltronic Corporation

Alan Gladstone and William Earle, Davis Rothwell Earle and Xochihua

James Peale, Maul Foster Alongi, Inc.

Lance Peterson, CDM Smith

Matt McClincy, DEQ

Dana Bayuk, DEQ



Visual Observations Log Form

Date August 26, 2013 **Project Number:** 000029-02 BG-28 Task 4a

Location: NW Natural "Gasco" Site

Project Name: NW Natural – Gasco

Monitoring Period: Monthly (Year 7)—August 2013

Time Observations Started: August 26, 2013 @ 09:00 **Time Observation Concluded:** August 26, 2013 @ 10:00

Weather Conditions: Partly Cloudy, 62° Fahrenheit, winds from the southeast @0-3 knots.

Wave Action Observations: Light wave action (0.1 – 0.3 feet in height)

Photographs Taken: ☒ Yes ☐ No

Tidal Conditions: Willamette River level on 8/26/2013 ranged in elevation from 1.31 to 5.01 feet. The Willamette River level during photos was approximately 3.87 feet measured at 11:30 (River Level Elevation Datum: Morrison Gage Height).

Observations of Erosion/Deposition: No erosion/deposition is evident along the shoreline. Three organoclay mat material segments are exposed and visible. Six feet of a 20-foot section of organoclay mat is out of the water at the upriver extent of the cap area (perpendicular to the shoreline). A segment measuring 4-foot in length is two feet from shoreline near the lateral mid-point of the cap area. One 40-foot section of organoclay mat material is exposed and submerged beneath 0-3 feet of water near the downriver extent of the cap area (Photo 1).

Observations of Long-term Controls (i.e., oil booms, organo-clay mat, etc.) During the observation, a barge was tied at the pier and the Fuel and Marine Marketing (FAMM) containment boom was placed around the barge during refueling operations. Buoys that identify the cap area to mariners are in place as installed. The position of the FAMM oil boom, warning buoys, and a general overview is shown in Photo 2.

Other Comments:

No sheen is evident in or around the cap area. Photo 3 shows the water surface and shoreline immediately downriver of the sediment cap.

Recorded by:

Douglas Laffoon

Photo 1 — *Visible section of organo-clay mat near the upriver extent of the cap area (2/26/13):*



Photo 2 — *FAMM oil boom around barge and mariner warning buoys across pilot cap area. (8/26/13):*



Photo 3 — *Conditions immediately downriver of cap area (8/26/13):*

